

Investigation of Adsorptional Properties and
Secondard Porous Structure of Adsorbents,
Having a Molecular Sieve Action. Communication 3.
Components of the Granules of Synthetic Type A
Zeolites, by M. M. Dubinin, E. D. Zaverina,
7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel
Khim Nauk, No 8, 1961, pp 1380-1386.

CB

Sci

Jul 62

202,693

A Study of the Nature of the Microporous Structure
of Active Carbons, Communication 3. Active
Carbons From Different Carbonized Materials,
by M. M. Dubinin, E. D. Zaverina, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 2, 1961, pp 201-204.

CR

Sci

198,795

Jun 62

Rational Types of Industrial Activated Carbons Intended
for Use as Adsorbents, by M.M. Dubinin, 7 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXIV, No 2, 1961,
pp 291-299

CB

Sci

Mar 62

192, 247

Investigation of the Nature of the Microporous Structure
in Activated Charcoals. Communication 4. The Growth
of the Micropore Volume during the Activation of
Charcoals, by M. M. Dubinin, 6pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 5, 1961, pp 750-755

CIB

Sci

Mar 62

188,999

Adsorption of Nitrogen Gas on Modified Activated
Carbon, by B. P. ~~Serling~~, M. M. Edubinin, E. G.
Zhukovskaya, 4 pp. *B*

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 793-796.

CB

150,021

Sci

Apr 61

11 753

UK-30

DUBININ M. M., ed.

Methods of investigation of the structure of highly dispersed and porous substances. Proceedings of the second conference, 13th-18th June, 1956. (Conclusions only of these Proceedings)

Izd. Akad. Nauk SSSR, Moscow, 1958

RTS 1603. £ 0. 20s. 0d. - English

E u r a t o m

A Study of the Microporous Structure of Activated
Charcoals. Communication 1, Activated Charcoals from
Phenolaldehyde Resin. M.M. Dubinin, E.D. Zaverina,
L.S. Ivanova, 80 pp.
RUSSIAN, per, Iz Ak Nauk, SSSR, Otdel. Khim Nauk,
No 1, 1961, pp 17-28.

GB

198, 112

Sci
Apr 62

A Study of the Microporous Structure of Activated
Charcoals. Communication 2. Activated Charcoals
from Polyvinylidene Chloride. M.M. Dubinin, E. D.
Zaverina, A. T. Kaverov, 78 pp.
RUSSIAN, per, Iz Ak. Nauk SSSR, Otdel Khim Nauk,
No 1, 1961, pp 29-37. CB

198, 114

Sci
Apr 62

Investigation of the Porous Structure of Solids
by Sorption Methods. V. The Structure of
Intermediate Pores and Macropores of Activated
Carbons, by M. M. Dubinin, M. M. Vishnyakova,
E. G. Zhukovskaya, et al, 5 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 9,
1960, pp 2019-2029.

Cleaver-Hume Press

Sci
Aug 61

167,072

NY-6471

THEORY OF PHYSICAL ADSORPTION AND PRACTICAL
APPLICATION OF ADSORBENTS, BY M. M. DUBININ,
15 PP.

RUSSIAN, PER, IZ VAK NAUK ARMYANSKOY SSR,
VOL XIII, NO 6, 1960, PP 377-383.

JPRS 10225

SCI - PHYS

NOV 61

173,124

THE Adsorptive Properties and Secondary Porous Structure
of Adsorbents Having a Molecular Sieve Effect. Communicati
7. Void Volumes of Dehydrated Synthetic Type A and X
Zeolite Crystals Filled During Adsorption of Vapors of
Various Substances, by M. M. Dubinin, E. G. Zhukovskaya,
7 pp.

VUESIAL, 1962, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 12,
1962, pp 2113-2120.

CE

243, 145

Steel-
Nov 63

Absorption of Water Vapor on Ionic Crystals. Communication 2. Nonequilibrium Sorption of Water on Lead Iodide Crystals, by N. N. Moskvitin, M. M. Dubinin, et al, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 1, 1960, pp 9-14.

CB

Sci
May 62

192,851

An Investigation of the Adsorption of Vapors on
Adsorbents Possessing a Nonuniform Surface,
Part 2: Experiments with Organic-Substituted
Silica-Gels, by L. G. Ganichenko, M. M. Dubinin,
E. D. Zaverina, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 9, 1960, pp 1535-1543.

CB

172, 193

Sci

Oct 61

Examination of Adsorbed Properties of Active Carbons
by Benzol and Nitrogen Vapors, by M. M. Rubinin,
E. H. Zhurovskaya. *ID 2137009*

RUSSIAN, for, Academy of Sciences^S, News Chemical
Sciences Division, No 5, 1959, pp 535-544.

ACSI H-5039

Sci - Chemistry

Apr 60

111,887

Analysis of the Earlier Received Experimental
Data, by M. M. Dubinin, E. D. Zavorina, D. I.
Tiroflov. ID 2137609

RUSSIAN, per, Academy of Sciences News Chemical
Sciences Division, No 6, 1957, pp 670-677.

ACSI H-5099

Sci - Chemistry

Apr 60

111,889

Calculation of Differential Heats of Adsorption
of Vapors on Active Charcoals, by B. P. Bering,
M. M. Dubinin, V. V. Serpinskiy, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 6, 1959, pp 981-988.

CB

Sci

157,800

Jun 61

Adsorption Properties of Carbon Adsorbents.
Communication 4. Adsorption Properties of
Active Charcoals Having a Developed Transitional
Porosity, by M. M. Dubinin, E. G. Zhukovskaya,
10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 10, 1959, pp 1705-1715.

CB

Sci
Jun 61

157,925

Methods and Equipment for Physical-Chemical
Research, Foremaster for Low Pressure (Low
Pressure Foremaster), by M. M. Dubinin,

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 6,
pp 1404-1406, 1958

O.S.I.R.O.

Sci - Chem

May 60

116,408

Examination of Adsorbed Properties of Active Carbons
by Benzol and Nitrogen Vapors, by M. H. Dubinin,
E. H. Zhurovakaya.

I3 AK 11/11/60
RUSSIAN, per, Academy of Sciences, News Chemical
Sciences Division, No 5, 1959, pp 535-544.

ACSI E-5099

Sci - Chemistry

Apr 60

111,887

(NY 4790)

Investigation of Vapor Adsorption on Adsorbents
With Heterogeneous Surfaces, by M. M. Dubinin,
Ye. G. Zhukovskaya, Ye. D. Zaverina, I. Ye.
Neymark, R. Yu. Sheynfayn, 29 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 4, 1960, pp 588-598.

JPRS 7497

Sci - Chem

Mar 61

142,458

Adsorption of Water Vapor on Crystalline Silver

and Lead Halide Dust Particles, by N. N. Moskvitin,
M.M. Dubinin and A. I. Sarakhov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 5,
1958, pp 840-843.

Consultants Bureau

Sci

102, 022

Dec 59

Surface Oxidation and Adsorption Properties
of Active Carbon, by M. M. ~~Lubinin~~.

^{Dugin}
RUSSIAN, per, Uspekhi Khimii, Vol XXIV,
No 5, 1955, pp 513-526.

Tech and Comm Trans

USSR

Sci = Chemistry

24, 797

Investigation of the Porous Structure of
Active Carbon by Complex Methods, by M. M.
Dubinin, 21 pp.

RUSSIAN, per, Uspekhi Khimii, Vol XXIV, No 1,
1955, pp 3-13.

Sci Trans Center RT-3315

Scientific - Chemistry

32,720

Apr 56

The Adsorptive Properties of Carbonaceous Adsorbents.
I. Analysis of Previously Obtained Experimental
Data, by M. M. Zubinin, B. D. Zaverina, D. F.
Timofeyev, 5 pp

RUSSIAN, per, In Ak Nauk SSSR, Otdel Khim Nauk,
No 6, 1957, pp 670-677.

Consultants Bureau

Sci - Chem

May 59

86,954

Surface and Sorption Properties of Active Carbons. Communication 2. Investigation of the Effect of Chemically Adsorbed and Chemisorbed Oxygen on the Adsorption Properties of Active Carbons With Respect to Water Vapor, M. M. Dubinin, E. D. Zaverina, 8 pp. ^{by}

RUSSIAN, per Iz Ak Nauk SSSR, Otel Khim Nauk, No 9, Sep ~~1957~~, pp 1038-1049.
1956

Consultants Bureau

Sci - Chem

50, 444

Jul 57

DUBININ, M.M.

Papers presented to the Acad of Sci USSR OOW-645/48

A-187-

Investigation of Adsorption at High Pressures, by
B. N. Vasilyev, B. P. Bering, M. M. Dubinin, V. V.
Serpinsky, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ~~XXXX~~ ^{CKIV,} No. 1957, pp 131-134.

Consultants Bureau

Sci - Chemistry
Jul 58

67, 615

P-5337

(PR-0536).

Adsorption of Gases and Vapors and the Structure
of Adsorbents, by M. M. Dubinin, 27 pp.

RUSSIAN, per, Uspekhi Khimii, Vol XXI, No 5,
May 1952, pp 513-533.

JPRS-L-798-E

Sci - Chem

Jun 59

88,900

Studies of the Pore Structure of Solids by
Sorption Methods. 1. Analysis of Various
Methods for Computing the Distribution of Pore
Volume, by M. M. Dubinin, 23 pp.

RUSSIAN, per Zhur Fiz Khim, Vol XXX, 1956, pp
1652-1661. *CIA 9088812*

SLA R-2025
(AEC Tr 3008)

71,184

Sci
Aug 58

Sept
Sept

Sorption and Structure of Active Carbons. VI. Structural
Types of Active Carbons, by M. M. Dubinin, E. D.
Zaverina.

RUSSIAN, no per, Zhur Fiz Khim, Vol XXXIII, 1959, pp.
1129 - 1140.

Aug 1951 6TS
AEC Tr 564

Sci - Chem

Aug 1951 6TS
A-1893

Adsorbability and the Physico-Chemical Properties of
Vapor-like Substances. 1. An investigation of the
adsorption of vapor-like substances by activated
charcoals, by M. M. Dubinin and D. P. Timofeyev.

RUSSIAN, mo per, Zhur Fiz Khim, ^{Vol XXI} ~~no 21~~, no 10, 1947,
pp 1213-22. ~~1222~~.

AEC Tr 434

Scientific - Chemistry

A-1892

May 1951 CTS

32T8

Adsorption Properties of Carbon Adsorbents.
Communication 5. Peculiarities in the Sorption
of Water Vapor by Active Carbons at High
Relative Pressures, by M. M. Dubinin,
E. G. Zhukovskaya, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 6, 1960, pp. 966-975.
2

CB

Sci

195,635

may 62

Sorption of Water Vapor by Active Charcoals,
by M. M. Dubinin, E. D. Zaverina, 4 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 2, 1954, pp 217-224. *C I A D 151309*

LXN LR-1028
Consultants Bureau

23,315

Scientific - Chemistry

May 55 CTS/DIX

Dubinin, M. M., Zhukovskaya, E. G. and
Murdmaa, K. O.

ADSORPTION OF NITROGEN AND WATER VAPOR ON
ZEOLITES OF TYPE X AND THE POTENTIAL THEORY
OF ADSORPTION. Pt. 6 of Investigation of Adsorption
Properties and Secondary Pore Structure of Adsorbents
with a Molecular Sieve Action. [1962] 10p.
Order from ATS \$14.50 ATS-22P64R

Trans. of #Akad[emiya] Nauk SSSR. Otd[elenie] Khim-
[icheskikh] Nauk. Izv[estiya] 1962, no. 6, p. 960-968.

DESCRIPTORS: *Adsorbents, *Organolites, *Nitrogen,
*Water vapor, Adsorption, Theory.

44-483-3679

(Chemistry--Physical, TT, v. 9, no. 2)

63-12002

- I. Dubinin, M. M.
- II. Zhukovskaya, E. G.
- III. Murdmaa, K. O.
- IV. Title: Investigation ...
- V. ATS-22P64R
- VI. Associated Technical
Services, Inc.,
East Orange, N. J.

0001287

Office of Technical Services

Dubinin, M. M. and Zhukovskaya, Ye. G.
STUDY OF THE POROUS STRUCTURE OF SOLIDS
BY SORPTION METHODS. II. COMPARISON OF DIFFERENT
METHODS OF CALCULATING PORE-VOLUME AND SURFACE
DISTRIBUTION WITH RESPECT TO SIZE FOR SORBENTS ON
TYPICAL EXPERIMENTAL MATERIAL. [1961] 12p.
Order from ATS \$17.40

ATS-98N50R

Trans. of Zhur[nal] Fiz[icheskoy] Khim[ii] (USSR)
1956, v. 30, no. 8, p. 1840-1851.

DESCRIPTORS: Solids, *Porous materials, *Porosity,
*Adsorption, Adsorbents, Test methods.

(Chemistry--Physical, TT, v. 6, no. 2)

61-22376

- I. Dubinin, M. M.
- II. Zhukovskaya, Ye. G.
- III. Title: Comparison...
- IV. ATS-98N50R
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Hormones of the Thyroid Gland and Their Analogs,
V. A New Synthesis of ³-Thyroxine, by N. N. Suvorov,
A. A. Dubinskaya, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 6,
1960, pp 2051-2054.

CB

Sci
Aug 61

162,552

(SF-2245)

THE EXPERIENCE OF APPLYING SOME PHYSIOLOGICAL
METHODS OF RESEARCH FOR HYGIENIC EVALUATION OF
AGRICULTURAL LABOR OF SCHOOL CHILDREN, BY
I. D. DUBINSKAYA , V. K. KUZ'MINA, 9 PP.

RUSSIAN, PER, GIGIYENA I SANITARIYA, VOL XXVII,
NO 3, 1962, PP 28-33.

JPRS 14,345

SCI 2 SOC
14 62

202,150

Dubinskaya, N. and Ulmanis, U
INVESTIGATION OF THE BACK-SCATTERING OF
GAMMA-RADIATION (Issledovanie Obratnorasseyan-
nogo Gamma-Izlucheniya) tr. by A. Pingell. 15 Aug 62,
Sp. 6 reis. N R L Trans. no. 910.
Order from OTS \$0.50

62-11765

Trans. of Akademiya Nauk Latvinskoi SSSR, Riga.
Izvestiya, 1957, no. 7(120) p. 147-150.

DESCRIPTORS: *Gamma rays, Scattering, Atomic
number, Gamma ray spectroscopy, Radioactive
isotopes.

The intensity of back-scattered gamma-radiation was
investigated as a function of the atomic number of
the Z-scatterer.

(Nuclear Physics and Nuclear Chemistry, 11, v. 1,
no. 10)

62-11765

- I. Dubinskaya, N.
- II. Ulmanis, U.
- III. NRL Trans-910
- IV. Naval Research Lab.,
Washington, D. C.

C226199

Office of Technical Services

Investigation of the Back-Scattering of Gamma-
Radiation, by N. Dubinskaya, U. Ulmanis, 5 pp.

^{LATVIAN}
~~RUSSIAN~~, per, Latvijas PSR Zinatnu Akademijas
Vestis, No 7 (120), 1957, pp 147-150. 9678168

Navy Tr 3244/NRL 910

Sci - Phys

Nov 62

217, 210

Study of the Variability of the Total Ionizing Component
of Cosmic Rays, by Ya. Dzhinshi, L. Khalugin.
RUSSIAN, par, ~~Gannagoriz~~ i Aeronautiya, Vol IV,
No 5, 1964, pp 945-947.
NASA TT F-~~12512~~ 9616

Sci-ES & astron
Feb 65

U.S. GOVERNMENT ONLY

274,607

The Microclimate of Irrigated Lands, by G.P. Dubinski
RUSSIAN, mono, Konferentsiya po Agrometeorologii i
Agroklimatologii Ukrainy SSR Materialy 1958, pp.169-
1975.
SLA-TP-64-18762

G. P. Dubinski

E. Sci
Aug 66

3077,801

Some Integral Inequalities and the Solvability of
Degenerate Quasilinear Elliptic Systems of Differential
Equations, by Ju. A. Dubinskii, 36 p.
RUSSIAN, per, Matemat. Sbornik, 64(106), 1964,
pp 458-480.

Am Math Soc
Vol LIII, Ser 2

Sci-Math
Jun 66

303,736

Determination of the Cosmic Ray Spectrum on the 14th
W Meridian, by Yu. Dubinskii, P. Khachatryan, et al.
RUSSIAN, par, *Geomagnetizm i Aeronomiya*,
Vol III, No 3, 1963, pp 452-454.
NASA TT 7-2485

Sci - E. S. & A. I.
May 64
U.S. GOVERNMENT ONLY

253,605

Brief Communications, by I.G. Dubinskiy, V.F.
Erko, 4 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 12, 1959,
pp 1483-1485.

Instruc Soc of Amer

135, 406

Sci
Jan 61

ID-65321

Detection and Extraction of a Glycoprotein From
Blood Serum Which Causes a Reduction in Coronary
Outflow, by A. A. Dribinskiy, 6 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 2,
Mar/Apr 1961, pp 197-200.

JPRS 9694

Sci - Med

Aug 61

162,141

Khellin and Its Application in the Treatment
of Disorder of Coronary Circulation, by Ya. I.
Khadzhal, A. A. Dubinskiy.

RUSSIAN, per, Vopr. Patol Serdtshechnosud Sist,
Vol IV, 1955, pp 3-9.

WMH 33

Sci - Med

Sep 58

78,293

Devonian of the Folded Basement of the Cis-
Caucasus, by A. Ya. Dubinskii, 5 pp.

RUSSIAE, par, Geolog Neft i Gaza, Vol IV, No 5-B.
1960.

RRG

Sci
Jun 63

232,678

The Accuracy of Measuring the Parameters of Oscillations Distorted by Low-Intensity Gaussian Noise, by B. A. Dubinskiy, 11 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol IV, No 12, 1959, pp 1977-1984.

PP

Sci -
Apr 61

146,570

A. Simplification of the Construction and ~~Enlight~~
Tuning up of the Machines of the Sartovskiy Plant
for Mass Production of Templates for Shoe Parts, by
E. A. Dubinskiy, E. More About Standards of
Durability of Velours Used in Footwear, by
K. G. Golbraykh, 9 pp, (ID 1274776) UNCLASSIFIED

RUSSIAN, per, Leg Prom, No 1, 1954, Moscow,
pp 23-26; 44, 45.

24,989

G-2, GSUSA G-4676

USSR -
Economic -

Jun 55 CTS

The Study of the Heat and Moisture Balance of the
Ukraine as a Basis for Measures to Raise the
Productivity of Agriculture, by V. P. Popov,
P. K. Bogatyr', G. P. Dibinskiy, 12 pp.

RUSSIAN, rpt.

Amer Geographical Soc
Soviet Geography
Vol II, No 7

169,388

Sci - Geophys

sep 61

Metorology, by G. F. Dubinskiy, I. I. Guralnck,
S. V. Mamikonova, 470 pp. UNCLASSIFIED

RUSSIAN, bk, Meteorologiya, 1956, 398 pp. 100-100-1

ATIC F-TB-9839/V

Sci - Geofic

Apr 60

112,959

(DC-4400/2)

On the Academic Scientific Course in the Political
Economy of Capitalism, by H. Dragilev, L.
Dubinskiy, P. Kashutin, 12 pp.

RUSSIAN, per, Kommunist, No 12, Aug 1960, pp 62-70.

JPRS 6092

USSR

01

st 60

129,035

(NY-5218)

Ways to Raise the Productivity of Labor in the
Construction of Main Cable Lines, by M. A.
Dubinskiy, 20 pp.

RUSSIAN, per, Vestnik Svyazi, No 4, 1955.

JPRS 7087

Sci
Jun 61

156,792

Flow Rotating Streams of Gas in Annular
Channels, by M. G. Dubinskiy.

RUSSIAN, no par, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, No 11, 1955, pp 125-128.

Co-Op Trans Sch Tr 290
§1.121.

Sci - Physics

42,650

Vortex Apparatuses, by M. G. Dubinskiy.

RUSSIAN, per, Iz Ak Nauk, No 8, 1955, pp 3-10.

Co-Op Trans Sch Tr 240
23.4s. (8s.08.)

Sci - Engineering

42,691

Vortex Apparatuses, by M. Gh. Dubinskiy, 7 pp.
UNCL.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
No 8, 1955, pp 3-10.

Sci Mus Lib 1890

Sci - Engr; Phys
Mar 59

83,290

SHORTCOMINGS IN THE PRODUCTION OF MATERIALS DESPITE
A DEVELOPED BASE IN DAPCHNO-KAZAKHSTANSKIY KRAY,
BY N. BUBINSKIY, V. ISKOLNYY, 5 PP.

RUSSIAN, PER, NARODNOYE KHOZAYSTVO KAZAKHSTANA,
NO 12, 1962, PP 36-41.

JPRS 19516

USSR
ECON
JUN 63

231,746

KAZAKHSTAN BUILDING MATERIALS SHORTAGES, BY
N. ENGINSEY, V. SONDLOV, 10 PP.

RUSSIAN, PER, MARCHENYE MOKHAYSTUD KAZAKHSTANA,
NO 12, 1962, PP 36-18.

SPB 18594

USSR
ECON
APR 63

226916

The First Boundary Value Problem for Degenerating Quasilinear Elliptic Systems of Differential Equations, by Yu. A. Dubinskiy,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math,
Vol CIVI, No 5, 1964, pp 1018-1021.

Amer Math Soc
Sov Math - Doklady
Vol V, No 3

Sci
Oct 64

267,544

Evaluating the Efficiency of Automatic Control Systems,
by L. G. Dubitskii, 6 pp.

(RUSSIAN, par, Izmeritel. Tekhnika, No 7, 1963, pp 17-19.

IEA

245, 924

Sci
Jan 64

Kinetics of the Hydrolysis of Hemicelluloses of Outer
Grain Layers--Wastes from Grain and Mixed-Feed
Factories, by M. S. Dudkin, 7pp,

RUSSIAN, per, Zhur Prikl Khim, Vol XXXIV, No 9, 1962,
pp 1901 - 1907

CB

Sci

Jul 63

342, 322

(DC-4700)

Method for Determining the Number of Auxiliary
Workers in Production, by M. Semenova,
G. Dubkov, 6 pp.

RUSSIAN, per, Sotsialisticheskiy Trud, No 2,
1962, pp 93-95.

JPRS 13695

USSR
Econ
May 62

195, 933

56
About the Quality of Volatile Oil of Various
Kind of Indian Mustard, by
N. F. Dublyanskaya,
RUSSIAN, per, Seleksiya i Ssenovodstvo, Vol
XXVIII, No 6, 1963, pp 71-72.
MLL RTS 2791 (On Loan or Purchase)

N. F. Dublyanskaya

Sci-228
Mar 67

321,446

Statistical Assessment of the Quality of Natural
Rubber, by G. V. Bykova, Yu. B. Dubraker, 4 pp.

RUSSIAN, par, Kauchuk i Rezina, Vol XX,
No 8, 1961, pp 12-19.

RAPRA

Sci

Jul 62

204,103

(8221-M)

System of Protection From Pulse Noise in Apparatus
For Recording Meteor Activity, by S. Dubnik, B. L.
Kachubov, M. F. Ingulin, I. A. Izyumko, 5 pp.

RUSSIAN, per, Radiotekhnika i Elektronika, No. 11,
1958, pp 1379-1383.

JPRS L-656-M

Sci - Electronics
Mar 59

82,738

Rapid Detection of Fluorine in Organic Fluorine-
Containing Materials by Nonwettability of Glass,
by L. M. Dubnikov, G. V. Chebotarev, 5 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XV, No 4, 1960,
pp 611-616.

CB

164, 237

Sci
Aug 61

Host Reservoirs in the Developmental Cycle 60
of the Nematode *Filaroides Bronchialis*,
by A. A. Dubnitskiy.
RUSSIAN, per, Karak Zver, Vol VIII, No 3,
1955, pp 51, 52.
HEW NIH No 4-38-66

A. A. Dubnitskiy

Sci - B/N
May 66

301,376

Mistakes in Geometric Proofs, by Ya. S. Dubnov.

RUSSIAN, bk, Oshibki v Geometricheskikh
Dokazatel'stvakh.

D.C. Heath Co, Publ.
285 Columbus Ave
Boston 16, Mass

per Memo: NSF
16 Dec 60

Adsorption Properties and Secondary Porous
Structure of Adsorbents with a Molecular
Sieve Action. Communication 1. Industrial
Samples of Synthetic Zeolites, by M. M.
Dubinin, M. M. Vishnyakova, E. D. Zaverina, 8 pp.

RUSSIAN, per, Iz Ak Nauk
SSSR, Otdel Khim Nauk, No 3, 1961,
pp 396-405.

CB
ATC/RJ-2004-200. 644

Sci
Apr 62

Kinetics of Thermal Decomposition of Solids,
Communication 2. Thermal Decomposition
of Silver Carbonate, by O. Kadlets,
M. M. Dubinin, 5 pp.

RUSSIAN, per, Iz Ak Nauk
SSSR, Otdel Khim Nauk, No 3, 1961,
pp 390-395.

CB

200,643

Sci
Apr 62

Adsorption of Vapors on Nonporous Sorbent Models
with a Physically Modified Surface. Communication
., Low Temperature Adsorption of Nitrogen on Carbon
Black with Preadsorbed Water, by A.I. Sarakhov, M.
V. Dubinin, Yu.F. Berezkina, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 6, 1961, pp 974-983.

CH

200, 6 98

Sci
Apr 62

The Sorption and Structure of Active Charcoals.
VI. Structural Types of Active Charcoals, by M. N.
Dubinin and E. D. Zaverina, UNCLASSIFIED

RUSSIAN, per, Zhur Fiz Khim, 1949, Vol 23, No 10,
pp 1129-1140.

Sci Mus Lib No 52/2936

Scientific

25 October 1952

News in Studies of Adsorption Phenomenon, by
M. M. Dubinin, 5 pp.

RUSSIAN, per, Vest Ak Nauk, No 3, 1949, pp 19-36,
Encl to IR -374-55, AFOIN-1A1. CIA D 256549.

AF 671150

USSR

Sci - Chemistry, adsorption

26,801

Dubinin, M. M.
COMPOSITION OF UNIT CELLS AND MAXIMUM
ADSORPTION VOLUMES OF DEHYDRATED
SYNTHETIC ZEOLITE CRYSTALS. [1961] 5p.
Order from ATS \$9.00 ATS-71N56R

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1961,
v. 138, no. 4, p. 866-869.

DESCRIPTORS: *Organolites, *Crystals, Adsorption.

(Chemistry--Organic, TT, v. 7, no. 3)

62-12121

I. Dubinin, M. M.
II. ATS-71N56R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

107475

ATS/RJ- 3307

Office of Technical Services

61-16786

Dubinin, M. M.
ANALYSIS OF THE EXPERIMENTAL DATA ON
SILICAGELS WITH A CHEMICALLY-MODIFIED
SURFACE. Rept. 3. of [A Study of Vapor Adsorption
on Adsorbents Having Heterogeneous Surfaces]. [1961]
14p. (2 figs. 7 tables 5 equations omitted). 13 refs.
Order from OTS or SLA \$1.60 61-16786

Trans. of #Akademiya Nauk SSSR. Otdeleniye
Khimicheskikh Nauk. Izvestiya, 1960, no. 10,
p. 1739-1750.

Another trans. is available from OTS \$0.50 as
61-21561, PRS-9058, 19 Apr 61, 16p.

DESCRIPTORS: *Silicon compounds, *Dioxides, *Gels,
Adsorbents, Surface area, *Vapors, Adsorption, Ex-
perimental data, Analysis.

The main cause of the decrease in the adsorption
(Chemistry--Physical, TT, v. 6, no. 12) (over)

- I. Dubinin, M. M.
- II. Title: Study ...
- III. Title: Investigation of the
Adsorption of Vapors on
Adsorbents with a
Heterogeneous Surface

Office of Technical Services

Investigation of the Adsorption of Gases by
Active Charcoals, by M. M. Dubinin and E. D.
Zeverina, UNCLASSIFIED

RUSSIAN, Dok Ak Nauk SSSR, 1950, Vol 82 72, No 2,
pp 319-322.

Sci Mus Lib No 52/2935

Scientific

25 October 1952

A-1199

Absorption of Water Vapor on Ionic Crystals.
Communication 1. Procedure and Results in an
Investigation of the Adsorption of Water Vapor on
Silver Iodide and Chloride Crystals, by H. H.
Moskvitin, M. M. Dubinin, A. I. Sakharov, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 12, 1959, pp 2080-2087.

CB

Sci
Oct 60

130,317

Porous Structure of Adsorbents, by H. H. Dubinin,
8 pp. UNCLASSIFIED
4

RUSSIAN, bi mo per, ~~IMK~~ Iz Ak Nauk, Otdel Khim Nauk
No 4, 1952, pp 577-582.

Consultants Bureau

16,932

~~EXEMPTED~~

Scientific - Chemistry

CTS/DEX

Adsorption Properties and Microporous Structure of
Industrial Activated Carbons, by M. M. Dubinin,
E. D. Zaverina, 7 pp.

RUSSIAN, per, Zhur Prik Khim, XXXIV, No 1, 1961,
pp 113-119.

CB

Sci

183, 812

Mar 62

The Sorption of Water Vapor by Active
Carbons, by M. M. Dubinin, E. D. Zaverine,
6 pp. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCII, No 1, 1953, Encl to MA, London,
Ser 486-S-55, pp 111-114.

TPA3/TIB T 4329

Scientific - Chemistry
CTS 71/Aug 1955

26,148

SC A: 61-15714

The Absorption of Gas From a Stream of Air.
II. The Time of Protective Action of the First Layers
of an Adsorbent Bed, by M. M. Dubinin, S. I.
Parshin, A. A. Pupyrev, 5 pp.

RUSSIAN, per, Zhur Obshch. Khim, SSSR, Vol
LXII, 1930, pp 198 1947-1951.

AEC Tr 2135

Scientific - Chemistry

May 55 CTS/DEX

Sci Mus Lib

55/1775

24,091

RT-2460

Sci Mus Lib

T 177R

S-5122

(DC-2781)

1/5
Influence of a Porous Structure ~~of the~~
Adsorbent on the Form of the Adsorption Iso-
therm of Vapors, by M. M. Dubinin, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV,
No 3, 1952, pp 539-542.

JPRS L-1721-D

UESR
Sci - Chem
Jul 59

90,660

(NY-5977/1)

Theory of Physical Adsorption of Gases and
Vapors and the Adsorption Properties of
Adsorbents of Differing Nature and Having
Porous Structure, by M. M. Dubinin, 27 pp.

RUSSIAN, per, Iz Ak. Nauk SSSR - Otdel Khim
Nauk, No 7, 1960, pp 1153-1161.

JPRS 9238

166,349

USSR

Sci - Chem

Soc. 61

REQ TR CHECK

17-03-10

TDF3

SYNTHETIC ZEOLITES, PREPARATION, STUDY AND
APPLICATION

DUBININ M N

UR: PRESS OF THE ACADEMY OF SCIENCES, USSR
MOSCOW, 1962, pages unknown 1-286*Process in as**MTT 72-24-0729**Negative*23 MAR
1972